Paul-henri Romeo

List of Publications by Year
in descending order

104 papers	6,106 citations	57758 44 h-index	71685 76 g-index
111 all docs	111 docs citations	111 times ranked	6771 citing authors

#	Article	IF	Citations
1	Deleterious effect of bone marrow-resident macrophages on hematopoietic stem cells in response to total body irradiation. Blood Advances, 2022, 6, 1766-1779.	5.2	2
2	Ultra-high-dose-rate FLASH and Conventional-Dose-Rate Irradiation Differentially Affect Human Acute Lymphoblastic Leukemia and Normal Hematopoiesis. International Journal of Radiation Oncology Biology Physics, 2021, 109, 819-829.	0.8	66
3	Piezo1-xerocytosis red cell metabolome shows impaired glycolysis and increased hemoglobin oxygen affinity. Blood Advances, 2021, 5, 84-88.	5.2	10
4	Phagocytosis of Wnt inhibitor SFRP4 by late wound macrophages drives chronic Wnt activity for fibrotic skin healing. Science Advances, 2020, 6, eaay3704.	10.3	58
5	A genetic variant controls interferon-Î² gene expression in human myeloid cells by preventing C/EBP-Î² binding on a conserved enhancer. PLoS Genetics, 2020, 16, e1009090.	3.5	3
6	Interplay between FACT subunit SPT16 and TRIM33 can remodel chromatin at macrophage distal regulatory elements. Epigenetics and Chromatin, 2019, 12, 46.	3.9	7
7	KLF4 inhibition promotes the expansion of keratinocyte precursors from adult human skin and of embryonic-stem-cell-derived keratinocytes. Nature Biomedical Engineering, 2019, 3, 985-997.	22.5	25
8	Hematopoietic stem and progenitor cell responses to low radiation doses â€“ implications for leukemia risk. International Journal of Radiation Biology, 2019, 95, 892-899.	1.8	14
9	TRIM33 deficiency in monocytes and macrophages impairs resolution of colonic inflammation. EBioMedicine, 2019, 44, 60-70.	6.1	10
10	Progenitors from the central nervous system drive neurogenesis in cancer. Nature, 2019, 569, 672-678.	27.8	188
11	Low-Dose Irradiation Promotes Persistent Oxidative Stress and Decreases Self-Renewal in Hematopoietic Stem Cells. Cell Reports, 2017, 20, 3199-3211.	6.4	69
12	NRF2 Activation Impairs Quiescence and Bone Marrow Reconstitution Capacity of Hematopoietic Stem Cells. Molecular and Cellular Biology, 2017, 37, .	2.3	49
13	Macrophage production and activation are dependent on TRIM33. Oncotarget, 2017, 8, 5111-5122.	1.8	32
14	Spermatogonial stem cells and progenitors are refractory to reprogramming to pluripotency by the transcription factors Oct3/4, c-Myc, Sox2 and Klf4. Oncotarget, 2017, 8, 10050-10063.	1.8	19
15	DESIGN AND FUNCTIONALITIES OF THE MADOR^{Â®}SOFTWARE SUITE FOR DOSE-REDUCTION MANAGEMENT AFTER DTPA THERAPY. Radiation Protection Dosimetry, 2016, 168, ncv348.	0.8	0
16	TNFSF10/TRAIL regulates human T4 effector memory lymphocyte radiosensitivity and predicts radiation-induced acute and subacute dermatitis. Oncotarget, 2016, 7, 21416-21427.	1.8	16
17	Bio-engineered and native red blood cells from cord blood exhibit the same metabolomic profile. Haematologica, 2016, 101, e220-e222.	3.5	10
18	TRIM33 switches off Ifnb1 gene transcription during the late phase of macrophage activation. Nature Communications, 2015, 6, 8900.	12.8	42

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19	Metabolomics for rheumatic diseases: has the time come?. Annals of the Rheumatic Diseases, 2015, 74, 1325-1326.	0.9	27
20	A kinome-targeted RNAi-based screen links FGF signaling to H2AX phosphorylation in response to radiation. Cellular and Molecular Life Sciences, 2015, 72, 3559-3573.	5.4	10
21	Keap1â€Nrf2 system regulates cell fate determination of hematopoietic stem cells. Genes To Cells, 2014, 19, 239-253.	1.2	51
22	Very low doses of Î³-radiation lead to long term defects of hematopoietic stem cells functions. Experimental Hematology, 2014, 42, S53.	0.4	0
23	Impaired functionality and homing of Fancg-deficient hematopoietic stem cells. Human Molecular Genetics, 2012, 21, 121-135.	2.9	21
24	Heparan sulfate mimetics can efficiently mobilize long-term hematopoietic stem cells. Haematologica, 2012, 97, 491-499.	3.5	19
25	Tritium contamination of hematopoietic stem cells alters long-term hematopoietic reconstitution. International Journal of Radiation Biology, 2011, 87, 556-570.	1.8	3
26	Adult Hematopoiesis is Regulated by TIF1Î³, a Repressor of TAL1 and PU.1 Transcriptional Activity. Cell Stem Cell, 2011, 8, 412-425.	11.1	41
27	Alterations of red blood cell metabolome in overhydrated hereditary stomatocytosis. Haematologica, 2011, 96, 1861-1865.	3.5	32
28	Pathophysiology of sickle cell disease is mirrored by the red blood cell metabolome. Blood, 2011, 117, e57-e66.	1.4	96
29	MLL-ENL leukemia burden initiated in femoral diaphysis and preceded by mature B-cell depletion. Haematologica, 2011, 96, 1770-1778.	3.5	3
30	Expression of CD34 and CD7 on human T-cell acute lymphoblastic leukemia discriminates functionally heterogeneous cell populations. Leukemia, 2011, 25, 1249-1258.	7.2	58
31	Impaired mesenchymal stem cell differentiation and osteoclastogenesis in mice deficient for Igf2-P2 transcripts. Development (Cambridge), 2011, 138, 203-213.	2.5	35
32	Large Scale RNAi Screen Reveals That the Inhibitor of DNA Binding 2 (ID2) Protein Is Repressed by p53 Family Member p63 and Functions in Human Keratinocyte Differentiation. Journal of Biological Chemistry, 2011, 286, 20870-20879.	3.4	10
33	Impaired mesenchymal stem cells differentiation and osteoclastogenesis in mice deficient for Igf2-P2 transcripts. Journal of Cell Science, 2011, 124, e1-e1.	2.0	0
34	Exploration of the functional hierarchy of the basal layer of human epidermis at the singleâ€cell level using parallel clonal microcultures of keratinocytes. Experimental Dermatology, 2010, 19, 387-392.	2.9	30
35	NKX3.1 is a direct TAL1 target gene that mediates proliferation of TAL1-expressing human T cell acute lymphoblastic leukemia. Journal of Experimental Medicine, 2010, 207, 2141-2156.	8.5	63
36	Metabolomic analysis of normal and sickle cell erythrocytes. Transfusion Clinique Et Biologique, 2010, 17, 148-150.	0.4	18

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37	TGFÎ² signaling in male germ cells regulates gonocyte quiescence and fertility in mice. Developmental Biology, 2010, 342, 74-84.	2.0	74
38	In vivo cellular imaging pinpoints the role of reactive oxygen species in the early steps of adult hematopoietic reconstitution. Blood, 2010, 115, 443-452.	1.4	118
39	Death receptor pathways mediate targeted and non-targeted effects of ionizing radiations in breast cancer cells. Carcinogenesis, 2009, 30, 432-439.	2.8	56
40	Direct Binding of pRb/E2F-2 to GATA-1 Regulates Maturation and Terminal Cell Division during Erythropoiesis. PLoS Biology, 2009, 7, e1000123.	5.6	64
41	Gfi-1B Promoter Remains Associated with Active Chromatin Marks Throughout Erythroid Differentiation of Human Primary Progenitor Cells. Stem Cells, 2009, 27, 2153-2162.	3.2	23
42	NOTCH is a key regulator of human T-cell acute leukemia initiating cell activity. Blood, 2009, 113, 1730-1740.	1.4	150
43	Association Analysis Indicates That a Variant GATA-Binding Site in the PIK3CB Promoter Is a Cis-Acting Expression Quantitative Trait Locus for This Gene and Attenuates Insulin Resistance in Obese Children. Diabetes, 2008, 57, 494-502.	0.6	21
44	Neuropilin 1 and CD25 co-regulation during early murine thymic differentiation. Developmental and Comparative Immunology, 2007, 31, 1082-1094.	2.3	38
45	Dendritic Cells Can Turn CD4+ T Lymphocytes into Vascular Endothelial Growth Factor-Carrying Cells by Intercellular Neuropilin-1 Transfer. Journal of Immunology, 2006, 177, 1460-1469.	0.8	66
46	Low SCL/TAL1 expression reveals its major role in adult hematopoietic myeloid progenitors and stem cells. Blood, 2006, 108, 2998-3004.	1.4	53
47	Thrombopoietin regulates IEX-1 gene expression through ERK-induced AML1 phosphorylation. Blood, 2006, 107, 3106-3113.	1.4	37
48	ETO2 coordinates cellular proliferation and differentiation during erythropoiesis. EMBO Journal, 2006, 25, 357-366.	7.8	126
49	SCL/TAL1 expression level regulates human hematopoietic stem cell self-renewal and engraftment. Blood, 2005, 106, 2318-2328.	1.4	45
50	The cancer chemopreventive agent resveratrol induces tensin, a cellâ€“matrix adhesion protein with signaling and antitumor activities. Oncogene, 2005, 24, 3274-3284.	5.9	26
51	RelA repression of RelB activity induces selective gene activation downstream of TNF receptors. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14635-14640.	7.1	97
52	Phosphatidylinositol 3-Kinase/Akt Induced by Erythropoietin Renders the Erythroid Differentiation Factor GATA-1 Competent for TIMP-1 Gene Transactivation. Molecular and Cellular Biology, 2005, 25, 7412-7422.	2.3	60
53	Characterization of DNA-binding-dependent and -independent functions of SCL/TAL1 during human erythropoiesis. Blood, 2004, 103, 3326-3335.	1.4	44
54	Ex vivo expansion of human hematopoietic stem cells by direct delivery of the HOXB4 homeoprotein. Nature Medicine, 2003, 9, 1423-1427.	30.7	254

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55	Interleukin 4â€“induced gene 1 is activated in primary mediastinal large B-cell lymphoma. Blood, 2003, 101, 2756-2761.	1.4	61
56	Interleukin-13 Gene Expression Is Regulated by GATA-3 in T Cells. Journal of Biological Chemistry, 2002, 277, 18313-18321.	3.4	60
57	Ectopic expression of TAL-1 protein in Ly-6E.1-htal-1transgenic mice induces defects in B- and T-lymphoid differentiation. Blood, 2002, 100, 491-500.	1.4	19
58	Human Immune Associated Nucleotide 1: a member of a new guanosine triphosphatase family expressed in resting T and B cells. Blood, 2002, 99, 3293-3301.	1.4	48
59	Forced expression of p21 in GPIIb-p21 transgenic mice induces abnormalities in the proliferation of erythroid and megakaryocyte progenitors and primitive hematopoietic cells. Experimental Hematology, 2002, 30, 1263-1272.	0.4	11
60	A neuronal receptor, neuropilin-1, is essential for the initiation of the primary immune response. Nature Immunology, 2002, 3, 477-482.	14.5	294
61	Neuropilin-1 in the Immune System. Advances in Experimental Medicine and Biology, 2002, 515, 49-54.	1.6	43
62	Erythroblasts are a source of angiogenic factors. Blood, 2001, 97, 1968-1974.	1.4	99
63	Resveratrol, a natural dietary phytoalexin, possesses similar properties to hydroxyurea towards erythroid differentiation. British Journal of Haematology, 2001, 113, 500-507.	2.5	49
64	Polydom: a secreted protein with pentraxin, complement control protein, epidermal growth factor and von Willebrand factor A domains. Biochemical Journal, 2000, 352, 49.	3.7	6
65	Impaired Antibody Affinity Maturation Process Characterizes a Subset of Patients with Common Variable Immunodeficiency. Journal of Immunology, 2000, 165, 4725-4730.	0.8	75
66	Molecular Characterization of a Novel Gene Family (PHTF) Conserved from Drosophila To Mammals. Genomics, 2000, 64, 216-220.	2.9	20
67	T-cell Expression of the Human GATA-3 Gene Is Regulated by a Non-lineage-specific Silencer. Journal of Biological Chemistry, 1999, 274, 6567-6578.	3.4	72
68	Regulation of embryonic/fetal globin genes by nuclear hormone receptors: a novel perspective on hemoglobin switching. EMBO Journal, 1999, 18, 687-697.	7.8	63
69	PHTF, A Novel Atypical Homeobox Gene on Chromosome 1p13, Is Evolutionarily Conserved. Genomics, 1999, 59, 108-109.	2.9	8
70	Chromatin immunoselection defines a TAL-1 target gene. EMBO Journal, 1998, 17, 5151-5160.	7.8	52
71	Identification of a novel cDNA, encoding a cytoskeletal associated protein, differentially expressed in diffuse large B cell lymphomas. Oncogene, 1998, 17, 1245-1251.	5.9	38
72	Transcription Factor SCL Is Required for c-kit Expression and c-Kit Function in Hemopoietic Cells. Journal of Experimental Medicine, 1998, 188, 439-450.	8.5	71

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73	p45 NF-E2 regulates expression of thromboxane synthase in megakaryocytes. EMBO Journal, 1997, 16, 5654-5661.	7.8	73
74	Structure and Transcription of the Human c-mpl Gene (MPL). Genomics, 1994, 20, 5-12.	2.9	96
75	Structure and Expression of the Human GATA3 Gene. Genomics, 1994, 21, 1-6.	2.9	74
76	Human CD3â"CD16+ natural killer cells express the hGATA-3 T cell transcription factor and an unrearranged 2.3-kb TcR Î´ transcript. European Journal of Immunology, 1993, 23, 1083-1087.	2.9	22
77	CCACC-binding or simian-virus-40-protein-1-binding proteins cooperate with human GATA-1 to direct erythroid-specific transcription and to mediate 5' hypersensitive site 2 sensitivity of a TATA-less promoter. FEBS Journal, 1993, 212, 763-770.	0.2	16
78	Erythroid regulatory elements. Stem Cells, 1993, 11, 95-104.	3.2	34
79	Identification of a new mutation responsible for hepatoerythropoietic porphyria. European Journal of Clinical Investigation, 1991, 21, 225-229.	3.4	40
80	Megakaryocytic and erythrocytic lineages share specific transcription factors. Nature, 1990, 344, 447-449.	27.8	445
81	Initiation of transcription of the erythroid promoter of the porphobilinogen deaminase gene is regulated by acis-acting sequence around the cap site. Nucleic Acids Research, 1990, 18, 6509-6515.	14.5	62
82	Two tissue-specific factors bind the erythroid promoter of the human porphobilinogen deaminase gene. Nucleic Acids Research, 1989, 17, 37-54.	14.5	319
83	Molecular analysis of acute intermittent porphyria in a Finnish family with normal erythrocyte porphobilinogen deaminase. European Journal of Clinical Investigation, 1989, 19, 415-418.	3.4	71
84	Structure of the 5â€² flanking region of the gene encoding human glycophorin A and analysis of its multiple transcripts. Gene, 1989, 85, 471-477.	2.2	18
85	Cis- and trans-acting elements involved in the regulation of the erythroid promoter of the human porphobilinogen deaminase gene. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 6548-6552.	7.1	271
86	Tissue-specific splicing mutation in acute intermittent porphyria.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 661-664.	7.1	114
87	Alternative transcription and splicing of the human porphobilinogen deaminase gene result either in tissue-specific or in housekeeping expression.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 6-10.	7.1	328
88	Familial Porphyria Cutanea Tarda: Hybridization Analysis of the Uroporphyrinogen Decarboxylase Locus. Human Heredity, 1988, 38, 283-286.	0.8	2
89	Structure of the gene for human uroporphyrinogen decarboxylase. Nucleic Acids Research, 1987, 15, 7343-7356.	14.5	62
90	Rat uroporphyrinogen decarboxylase cDNA: nucteotide sequence and comparison to human uroporphyrinogen decarboxylase. Nucleic Acids Research, 1987, 15, 5487-5487.	14.5	2

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91	Rat uroporphyrinogen decarboxylase cDNA: nucleotide sequence and comparison to human uroporphyrinogen decarboxylase. Nucleic Acids Research, 1987, 15, 7211-7211.	14.5	27
92	A13C-NMR study of mutant hemoglobins with altered oxygen affinity. FEBS Letters, 1986, 202, 337-339.	2.8	2
93	Cloning and sequencing of mRNAs coding for two adult Î± globin chains of the salamander Pleurodeles waltlii. Gene, 1986, 42, 159-168.	2.2	4
94	Assignment of human uroporphyrinogen decarboxylase (URO-D) to the p34 band of chromosome 1. Human Genetics, 1986, 73, 277-279.	3.8	26
95	Molecular cloning and complete primary sequence of human erythrocyte porphobilinogen deaminase. Nucleic Acids Research, 1986, 14, 5955-5968.	14.5	137
96	Molecular analysis of uroporphyrinogen decarboxylase deficiency in a family with two cases of hepatoerythropoietic porphyria.. Journal of Clinical Investigation, 1986, 77, 431-435.	8.2	24
97	Generation of long read-through transcriptsin vivoandin vitroby deletion of 3â€² termination and processing sequences in the human tRNAimetgene. Nucleic Acids Research, 1984, 12, 1101-1115.	14.5	61
98	Mutant hemoglobin stability depends upon location and nature of single point mutation. FEBS Letters, 1984, 169, 147-150.	2.8	12
99	Cell-free translation of human uroporphyrinogen decarboxylase mRNAs. Biochemical and Biophysical Research Communications, 1984, 118, 378-382.	2.1	2
100	Cell-free translation of messenger RNA for human bisphospho-glyceromutase. Biochemical and Biophysical Research Communications, 1984, 120, 441-447.	2.1	9
101	Isolation and identification of a cDNA clone coding for rat uroporphyrinogen decarboxylase.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 3346-3350.	7.1	25
102	Molecular cloning of a cDNA sequence complementary to porphobilinogen deaminase mRNA from rat.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 5036-5040.	7.1	26
103	Probing the energetics of proteins through structural perturbation: sites of regulatory energy in human hemoglobin.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 1849-1853.	7.1	93
104	Kinetics of subunit dissociation of partially oxygenated hemoglobin determined by haptoglobin binding. Biochemical and Biophysical Research Communications, 1982, 105, 1354-1360.	2.1	4